

CITY OF MILPITAS

ELECTRICAL INSPECTOR

EFFECTIVE: June 1985

EEOC: Technical

FLSA: Exempt

UNIT: Protech/Plng. &
Code Enforcement

PHYSICAL: 2

DEFINITION

To inspect routine and complex electrical and building systems at various stages of construction, alteration and repair to assure compliance with approved plans, specifications, codes, ordinances and laws; to assist other inspectors in the inspection of complex electrical systems; and to review plans and specifications relative to electrical systems to assure compliance with applicable codes, ordinances and regulations.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Senior Building Inspector.

May exercise technical or functional supervision over other building inspection staff.

EXAMPLES OF DUTIES - Duties may include, but are not limited to, the following:

Make field inspections of industrial, commercial, and residential buildings during various stages of construction and remodeling to assure compliance with applicable codes and regulations of the City, County, State and Federal agencies.

Inspect a variety of electrical installations and other complex and routine electrical system elements.

Assure proper and safe installations of routine and complex electrical systems.

Assist other inspectors in the inspection of complex electrical systems; provide training and guidance as appropriate.

Assist in the checking of building plans relative to electrical systems.

Issue permits for work to be performed.

Confer with developers, contractors, architects, engineers and the general public in the field and office.

0098Q/7/369S

CITY OF MILPITAS

Electrical Inspector (Continued)

EXAMPLES OF DUTIES

Explain and interpret requirements and restrictions.

Complete and maintain a variety of records, reports, documents and correspondence relating to field inspections.

Perform related duties as assigned.

QUALIFICATIONS

Knowledge of:

Accepted safety standards and methods of electrical building construction.

Building related codes and ordinances enforceable by the City, specifically, the National Electrical Code.

Principles and techniques of electrical inspection work.

Electrical and related codes including zoning ordinances and other City codes and regulations.

Ability to:

Apply technical knowledge and follow proper inspection techniques to examine the quality of work and materials, and detect deviations from plans, regulations, and standard construction practices.

Perform journey-level electrical inspection duties and to perform competent and efficient work as an Electrical Inspector.

Interpret and apply applicable City codes and policies regarding building, zoning, and other regulations relative to field situations.

Work independently without supervision.

Determine that construction systems conform to applicable Code requirements.

0098Q/8/369S

CITY OF MILPITAS

Electrical Inspector (Continued)

Ability to:

Read and interpret building plans, specifications, and building codes.

Advise on standard electrical construction methods and requirements.

Make arithmetical computations rapidly and accurately.

Establish and maintain effective work relationships with developers, contractors, architects, engineers and the general public.

Enforce necessary regulations with firmness and tact.

Experience and Education

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Three years of responsible experience as a journeymen tradesman or contractor with considerable exposure to electrical systems, including some experience as a building inspector.

Education:

Equivalent to the completion of the twelfth grade.

License or Certificate

Possession of or ability to obtain and maintain an appropriate, valid California Driver's License.

Approved:

Greg Larson, City Manager
0098Q/9/369S